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S-636/60 (D0476).

New Relief Map of the Moon, by A. A. Nefed'yev,

RUSSIAN, pamphlet, Astronomicheskiy Tsirkulyar, 1957, No 176, pp 18-20.

*JPRS

Sci - Spac Res

Aug 60

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Ivanikov, V. I.
POSSIBILITY OF PHOTOGRAPHING ARTIFICIAL EARTH SATELLITES (Vozmozhnost' Fotografirovaniya Iskusstvennykh Sputnikov Zemli) tr. by A. Pingell. 11 July 58 [5]p. N R L Trans. no. 681.
Order from OTS or SLA $1.10 61-15322

Trans. of Astronomicheskiy Tsirkulyar (USSR) 1957, no. 187 [p. 5-7]

DESCRIPTORS: Satellite vehicles, *Photography, *Photographic film, Photosensitivity.

The problem is reduced to finding the limiting stellar magnitude of a point object moving in space, which can be photographed by a given camera on a photofilm of certain sensitivity. (Author)

(Astronomy, TT, v. 6, no. 1)

61-15322

I. Ivanikov, V. I.
II. NRL Trans-681
III. Naval Research Lab., Washington, D. C.

16178

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300800021-4

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(DC-4276).

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JPRS 3816

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Observation of the Artificial Satellite, 1 p.

RUSSIAN, per, Astronom Tsirculyar, No 180, 18 May 1957, p 1.

CIA/FDD/X-2597

Sci - Space Research

54, 712

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A Possibility of Photographing Artificial Earth Satellites, by V. I. Ivanikov. UNCLASSIFIED

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Change in the Brightness of Sputnik II, by Ye. A. Satanova, V. M. Grigorevskiy, 3 pp.

RUSSIAN, per, Astron Tsirkulyar, No 190, Moscow, pp 3-5.

JPRS-822-D

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On Rotation of Sputnik II Around Its Axis, by V. P. Tsesevich, 1p.

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Sci - Geophys, Space Research

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Scheme for Sending Signals During Visual Observations of an Artificial Earth Satellite, by E. Zablovskis, E. Gravitis, 3 pp.

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Attachment for the AT-1 Telescope for Determining Horizontal Coordinates of the Artificial Earth Satellite, by G. I. Karatayev, 2 pp.

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Equipment for Photographing an Artificial Earth Satellite, by Ye. Kramer, 2 pp.

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US JPRS-668-D

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Eleven-Year Variation of Brightness, Form and Sizes of Counterglow, by I. S. Astapovich, 2 pp.

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US JPRS-668-D

NASA TT F-8721

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*US JPRS 710-D

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US JPRS/699-D

Sci - Geophysics

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(DC-2652).

Simple Method for Rapidly Determining the Approximate Coordinates of Artificial Earth Satellites from Photographs Taken by the NAFA ZS/25 Camera, by D. D. Polozhentcev, 3 pp.

RUSSIAN, per, Astron Tsirkulyar, No 191, Moscow, pp 5, 6.

JPRS-822-D

Sci - Geophys, Space Research
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JPRS-822-D

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(US JPRS [illegible])

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The Absolute Brightness Values of the Lunar Edge in Various Phases, by N. S. Orlova. RUSSIAN, pur. Astron Zhurnalyar, No 192, 1958, pp 20-21. 469457
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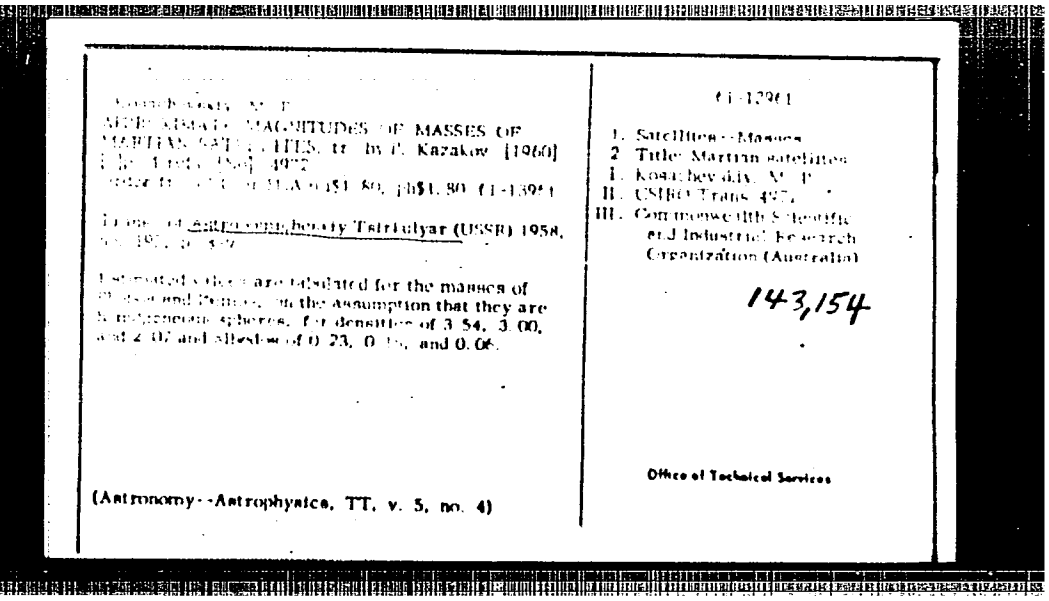

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[illegible] 4972
[illegible] $1.80, ph$1.80 PB-139941

Trudy Gosudarstvennogo Astronomicheskogo Instituta imeni P. K. Shternberga (USSR) 1958, [illegible]

Approximate values are tabulated for the masses of Phobos and Deimos, on the assumption that they are homogeneous spheres, for densities of 3.54, 3.00, and 2.07 and albedos of 0.23, 0.15, and 0.06.

(Astronomy--Astrophysics, TT, v. 5, no. 4)

PB-139941

1. Satellites--Masses
2. Title: Martian satellites
I. Kazakov, N. P.
II. OSIRS Trans 4972
III. Commonwealth Scientific and Industrial Research Organization (Australia)

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RUSSIAN. per, Astron Tsirkulyar, No 198, 1958, pp 1, 2. 9695317

DDC RSIC-313

Sci - E S & Ast
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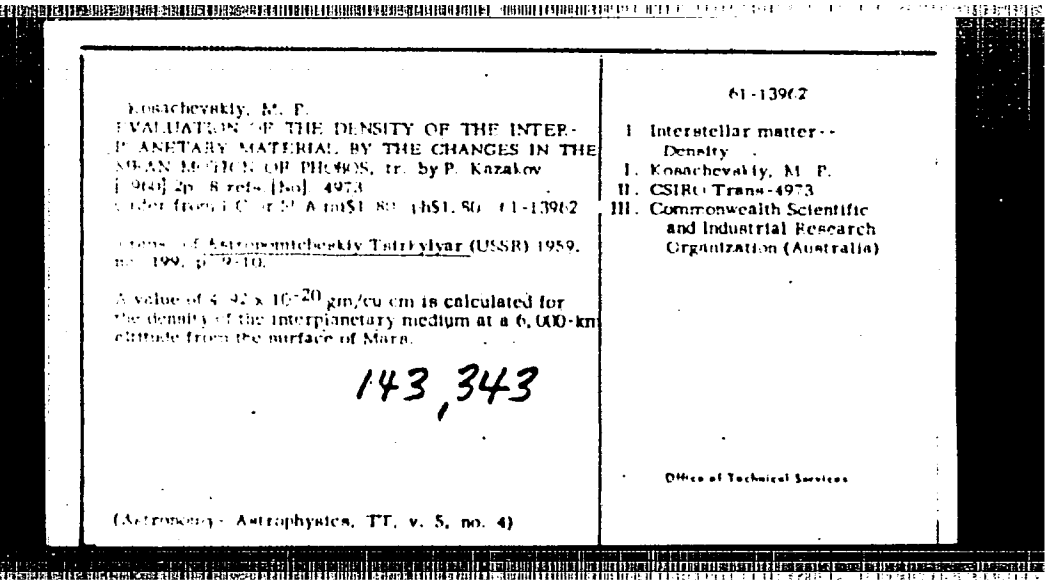

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Order from: C.S.I.R.O. A'asia $1.80; ihS1.80; £1-13962

From: Astronomicheskiy Tsirkulyar (USSR) 1959, no. 199, p. 9-10.

A value of 4.42×10^{-20} gm/cu cm is calculated for the density of the interplanetary medium at a 6,000-km altitude from the surface of Mars.

143,343

(Astronomy - Astrophysics, TT, v. 5, no. 4)

61-13962

I. Interstellar matter--Density
I. Kosachevskiy, M. F.
II. CSIRO Trans-4973
III. Commonwealth Scientific and Industrial Research Organization (Australia)

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S-552/60 (NY-4706)

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JPRS 5613

Sci - Astron

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300800021-4

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Dolidze, M. V.
THE EMISSION NEBULA IC443 = S40, tr. by P. Kazakov. [1960] 2p. 1 ref. Trans. no. 5069. Order from LC or SLA m$1.80; ph$1.80 61-15231

Trans. of Astronomicheskiy Tsirkulyar (USSR) 1959, no. 204, p. 13-14.

Spectral observations with a prism camera in the red indicate that matter, in the form of jets and filaments, is floating away from the nebula or is carried away from it by a stream in two opposite directions. It is difficult to think that the formation (and the luminosity mechanism) of the filaments and jets situated near IC443+S40 and directed from north to south is a result of the effect of radiation, the ejection of gas from the stars, or a collision of nebulosities moving in space.

(Astronomy--Astrophysics, TT, v. 5, no. 4)

61-15231

1. Nebulae--Spectrographic analysis
I. Dolidze, M. V.
II. CSIRO Trans-5069
III. Commonwealth Scientific and Industrial Research Organization (Australia)

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p l. 9679994

ATIC MCL-1117/1-2

Sci - Space Res

Jun 1961

C-1047

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Observations of an Artificial Comet at Byurakan, by E. Ye. Khachikyan, A. T. Kalloglyan, M. A. Kazaryan, 5 pp.

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FTD MCL-978/1

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The Spectral-Polarization Characteristics of the Lunar Surface, by V. G. Tejfel.
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DDC RSIC-312

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First Results of Investigation of Photographs of the Other Side of the Surface of the Moon, by N. P. Barabashov, U. N. Lipskiy, 3 pp.

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Ionized Meteor Trails, by V. Ye. Shtepan,

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*FTD-TT-62-165

Sci - Astron

12 Feb 62

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Revision of Hartwig's Observations of the Moon (1890-1915) Taking Into Account the Liberation Effect, by A. A. Gorynya, 4 pp.

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FTD-TT-61-13

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V. V. Sharanov

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CSIRO 5759

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On the Brightness Variability of the Object which is Identified with the Radio Source 3C273, by A. Sharov, N. Efremov.
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NASA TT F-8974

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A Possible Identification of the X-Ray Radiation Source in Constellation Scorpius With the Spur-Explosion Remnant of a Supernova Near the Sun, by I. S. Shklovskiy. RUSSIAN, per, Astron Zsirkulyar, No 298, May 1964, pp 3, 4.
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Sct-Dir Sci & Astron
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